H7715, H7769 Incl.

our:	130P.	M. to		. M.			
osition	1: Lat. 34°	10' 20"	Lor	ıg. 119	0441	5	11
ocality	: Sout	6 /54	rarar	du C	andra	ea,	p. Kar
epth:		Bottom:			Sample:		
ind:	Direction,	NW	Force,	1			
	, ,,	,					
ea:			Sky:	-			
		TEMP	ERATURE	5		[ e	
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	SV 429	12.75		-02	:2.73		
	2.4						
							V 1
				V			
				1			
				100			
						100	
		CU	TRRENTS				

Description	Depth	TII	ME	Speed	
Description	Depth	Down	Up	apeed	
1-9-					
A VIII		20			
1	1	25 39			
	NOTES				

11-0014

MOIES

C + G S 5202

Hour:	200 P	. M. to		. M.			
Position	n: Lat. 340	3/20	" Lo	ng. 119	043'	5	0
Locality	: Smit	a 130	irban	a C	han	nl	L
Depth:		Bottom:			Sample:		
Wind:	Direction, N	NW	Force,	1			
Sea:			Sky:				
		TEMI	PERATURE	S		-	
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54429	12.6		-02	12.58		
		7					

Station No. # 77 16 Date: Nov 14 1916

Color of water:

Depth

Hour

Transparency:

CURRENTS

Time down

Revolutions

Speed

Direction

Tide

REMARKS:

11-5314

Description	Depth	TI	ME	
Description	Depth	Down	Up	Speed
		,57 V		

C P GS 5202

Station	No. H 77	17	Date:	No	v. 14		191
Hour:	230 P	. M. to		. м.			
Position	1: Lat. 34°	16'10	tr L	ong. 119	043	0	0"
Locality	: Sante	a Be	arbaro	r cho	enni	el	
Depth:		Bottom:			Sample:		
Wind:	Direction, /	NW	Force,	1			
Sea:			Sky:				
		TE	MPERATUR	ES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	SV 429	12.7		-02	12.68		
				1			
1			- +5				
			CURRENTS	196			
Depth	Hour	Tide	Time down	Revolutions	Speed	Dis	rection

Color of water:

Transparency:

REMARKS:

Description	Depth	TIN	IE		
Description	Depth	Down	Up	Speed	
		F ALG			

11-5314

NOTES

5202

Station	No. H7	7/8	Date:	No	1.14		191 6
Hour:	300 P	. M. to		. м.			
Positio	n: Lat. 34	0 19'	00" I	ong. 119	9042	1	0"
Localit	y: Sant	a Ba	bobar	a cl	larm	el	
Depth:		Bottom:			Sample:		
Wind:	Direction,	NW	Force,	1			
Sea:			Sky:				
		TE	MPERATUR	ES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54429	12.7		-02	12.68		
			CURRENTS				
Depth	Hour	Tide	Time down	Revolutions	Speed	Di	rection
					150		

Transparency:

11-5314

Color of water:

REMARKS:

Description	Depth	TIP	ME	Speed
Description	Беріп	Down	Up	Speed
		l.		
		1000		
	OTES			

C+GS . 5202

ur:	330 P.	M. to		. M.			
sition:	Lat. 340	22'00	" Lor	ng. 119	0412	0	/
	,		,	NI		0	
cality:	Santi	a Paci	vara	- Ch	arm	K	
epth:		Bottom:			Sample:		
spin.		Doitoin.					
ind: I	Direction, N	V VV	Force,	1			
ea:			Sky:				
		TEM	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
0	SV429	13.55		-02	12.53		
						-	
						1	
					111		
		(	CURRENTS				
Depth	Hour	Tide	Time down	Revolution	s Speed	D	irection
						-	
					-		
alan ad	waters		Teamon	arenev!			7
olor of w	vater:		Transp	arency;			

Description	Depth	TII	Æ	Speed
	Dopin .	Down	Up	Speci

11-5314

NOTES

C.J 63

our:	400 P.	M. to	and the same of th	. M.			
sition	: Lat. 340	24'	5 Lon	g. 119	0 41' 0	19	
cality	: jant	2 130	11.01.6	000	1.		
epth:		Bottom:			Sample:		
ind: 1	Direction,	VIVII	Force,				
			Class				
ea:		TEM	Sky:	3			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
0	Sy 429	13.5		-02	13.48		
	:	•					
		1		i   			
			CURRENTS	i   			
Depth	Hour	Tide	CURRENTS Time down	Revolution	ns Speed	r	pirection

Description	Depth	TIT	AE.	Speed
		Down	Up	Specu

11-5314

NOTES

ancheroge CVGS 5202

815 Nov. 15 1916

0. SV 429 12.65

Calin 0 12.63

Station	No. H 7	721	Date:	760	V.15		191 6
Hour:	915 a	. M. to		. M.	m Addyn Navy - m - S operating part on typ or		
Position	: Lat. 34	0/8/30	Lo	ng. 119	°38'5	//	
Locality	: Dan	10 /3	milro	Lesion .	Chi.	*	(
Depth:		Bottom:			Sample:		
Wind:	Direction,	South	Force,	.1.			
Sea:	W 1997 11 1121 54	· · · · · · · · · · · · · · · · · · ·	Sky:				
		TEME	ERATURE	S			
Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bettle used
0	54429	12.85		-02	12.83		
Depth	Hour		RRENTS ime down	Revolutions	Speed	Db	rection
Color of wa	iter:		Transpare	ency:			
REMARK	S:				1	11-53	14

Description	Depih	TII	ME	Speed
Description	Depin	Down	Up	Speed

11-5314

NOTES

C 4G S 5 202

Station	No. H 7	722	Date:	710	1,15	1916
Hour:	10 30	. M. to		. м.		
Position	n: Lat. 34	12/0	o" L	ong. 119	034	45"
Locality	: Sa. 1	ii. 15.	· look	a ch.		C
Depth:		Bottom:			Sample:	
Wind:	Direction,	SE	Force,	2		
Sea:	** **********		Sky:			
		TEN	MPERATUR	ES		
Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
0	51429	13.2		-02	13.1.5	
			URRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
Color of w	ater:		Transpa	rency:		
REMARI	KS:	V			* **	11—5314

Description	Depth	TIN	ME	Speed
Description	Берш	Down	Up	Speed
		1 1		

11---5314

NOTES

C+GS 5202 Hour: 11:01 A.M. to 11:25 A.M. brighted from Position: Lat. 340 10 40 Long. 119 33 75 to 34° 10' 00", 119. 119,0 34' 45 Depth: 944 m Bottom: Sample: Wind: Direction, SE. Force, Sea: TEMPERATURES Correc-Corrected Temp. Stem Temp. Thermometer-Make and No. Reading Depth 00 9,38 14 MRTH 150 F 12 8 +.1 9.48 EY805 1. 1 N271738-1 . ... -.8 48.3 NZ9(21) 4,00 -,5 118,5 134493 54497 1,1 9,2 R1R37571 11.7 -1.0 47.0 11. 1126235 126.250 - .5 117.5 CURRENTS Revolutions Speed Direction Time down Depth Hour Tide

Color of water: -

Transparency:

REMARKS: Zny t.

11-5314

Description	Depth	TIN	ME	Speed	
Description	Depin	Down	Up	Speed	
1		1			

11-5314

NOTES

C465

Messenge at 11:05 am.

wift 549 14 ( " ) 1/4 mi.

TTO		

. M. to

. M.

Position: Lat.

Long. do

Locality: Soute 18

Depth: Bottom:

Sample:

Sea:

Wind: Direction, S & Force, /

Sky: TEMPERATURES

Sample Stem Temp. Correc-Corrected Temp. Thermometer-Make and No. Reading Depth 30m RTK 150 21216 12.4 00 12.16 54 805 R1211 12.5 +1 12.21 402 1171138 £ 54.0 - -,8 53.20 507 Sunga F. - 122 | 11.59 49.0

			CURRENTS	* V Premi r New Y		
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Any 5.

11-5314

Hrutil -

Description	Depth	TIF	νIΕ	Speed
Description	Бери	Down	Up	Speed

CP63

Hour: 11: 12:30A. M. to 11:57, 9. M.

Position: Lat. Lo Long. do

Locality: Santa Backson Channel

Depth: Bottom:

Sample:

Wind: Direction, S & Force, /

Sea:

Sky:

		TEM	PERATURES	,			
Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle
Enf.	Sx.429	13.4		-02	13.36		
	811:150 X	12.4	./2.7	t.1.	12.4		,
	N2982607	57.6		8 5	54.10		Ç
15 m	5 493 A	12.3.	12.5	+	12.40		, 3
-	KTR 37572 V2165868	: "	4: =				
	1001 55 12 256			5	54.1		

			CURRENTS			10000
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Liay to

11-5314

Description	Depth	Donth		Speed
Description	Deptil	Down	Up	Speed
_				

11--5314

NOTES



C46'S 5202

Station	No. H77	24	Date:	7600	1.15		1916
	100 9						
	1: Lat. 346						
Locality	: David	13a	1000	6/-			
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	<u> </u>		Sky:				
	1	TEM	PERATURES				
Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	5×429	12.95		-02	12.93		
	\$						
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1					
				!			
				,			
		CI	JRRENTS				
Depth	Hour			Revolutions	Speed	Di	rection
New processor with					Special		
Color of w	ater:	100° All dell' - 100° A	Transpare	ncy:			
REMARI	KS:					1153	14

Description	Depth	TIME		Speed
Description	Бери	Down	Up	Speed

11-5314

NOTES

CPGS 5202 Station No. # 7725 Date: 16 15 1916 200 P. M. to Hour: . M. Position: Lat. Locality: Sauta Depth: Bottom: Sample: Wind: Direction, Force, Sea: Sky: TEMPERATURES Sample Thermometer-Corrected Temp. Stem Correc-Bottle Depth Reading Temp. tion used 02 13.28 CURRENTS Depth Hour Tide Time down Revolutions Speed Direction Color of water: Transparency: REMARKS: 11-5314

Depth	Down	Up	Speed
		-	
		6	

C+ 65

Station	No. H 77	2.6	Date:	Nor	1.15		1916
Hour:	215 P	. M. to		. W.			
Position	1: Lat. 34°	4/20	" Lo	ng. 119°	.3/1/	0."	
Locality	: Janta	Bont	maria 6	ļ. a	, (		
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Sky:		STORA THE T IN		V 1788.000.000
		TEM	IPERATURE	es			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
0, ,,	84.429	13.)		-02	13.08		
				in the selection team.			
	į						
				2			
				W ALL STREET			
As a success			****				
-		C	URRENTS				
Depth	Hour	Tide	Time down	Revolutions	Speed	Di	rection

Color of water:

Transparency:

REMARKS:

Description	Depth	TIME	Speed	
		Down Up		
		'		



Station	No. H7	727	Date:	Thou	. 15		191 6
Hour:	230 B	. M. to	e de la la company de la compa	. M.			
	:: Lat. 34			ong. 1/9	030	12	0"
Locality	: Bout 8	inct of	Sounda	( ! · · ·	:		
Depth:		Bottom:			Sample:		
Wind: 1	Direction,		Force,				
Sea:			Sky:				
		TEI	MPERATUR	ES			
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54429	133		-02	13.25		
	<u> </u>		CURRENTS	- !		-	
Depth	Hour	Tide	Time down	Revolutions	Speed	Di	rection
Color of wa	nter:		Transpa	rency:	1		
REMARK	ΣS:		. (			1153	14

Description	Depth	TIME		Speed
Description	Depart	Down	Up	Copiece
		1		

NOTES

C+65

11-5314

Station No. 14 77 28 Date: 7/07/15 191 6 Hour: 245 P . M. to . M. Position: Lat. 34° 1' 50' Long. //9 Locality: East End of with Com. Depth: Bottom: Sample: Wind: Direction, Force. Sea: Skv: TEMPERATURES Stem Temp. Correc-Bottle Thermometer-Make and No. Depth Reading 54429 6 CURRENTS Depth Hour Tide Revolutions Time down Speed Direction

Color of water:

Transparency:

REMARKS:

Description	Depth	TIME		Speed
Description	Depth	Down	Up	apped
		!		
			********	
115314	NOTES			

0465

Station No.	H 7729	Date:	760	v 15		191 E
Hour: 300	P . M. to		. M.			
Position: Lat.	340 /	Lon	g. 119	032/		" "
Locality: S	magle -	Cone		Com ?	1.	
Depth:	Bottom:			Sample:		
Wind: Direction	on,	Force,				
Sea:		Sky:				
	TEM	PERATURES				
Depth Thern Make	nometer— Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
0 5V 0 5V	429 13.15 429 13.45	300 PM 8004 700 10074 11	-02	13.13 13.13 13.43		
į	1					
	C	URRENTS				
Depth H			Revolutions	Speed	Di	rection
				Sycod		
Color of water:		Transpare	ncy:			
REMARKS:					11—53	14

Description	Depth	TIME		Speed
Description	Depin	Down	Up	- Speed
115:114	NOTES			

0 765

Station No. # 7730 Date: 2104. 1 1916

Hour: 241 P.M. to 3:18 P.M.

Depth: 873 mile Bottom:

Sample:

Wind: Direction, S. W. Force,

Sea:

Sky: TEMPERATURES

Depth	Thermometer Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
10	50429 143		-ot	104.29	
-	871 150 - 4.71 SY 805 1619	10.	00	6.71	
v.	11271737 43 1271737 43			12.00	*
÷	SV 400 i.e.	16.8	1	5:42	. ~
	XTT 07512 5 112165868 and work	9,5			£e.
i	12 1. 1. 56 1/2		-1	39.6	9

Depth	Hour	Tide	1	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USEI

	TIL	ME	Specd
Depth	Down	Up	
	Depth	Depth	Depth Down   Up

11---5314

NOTES

Sget bottle days 2:46 p.H.

Suffect in it == min

CPGS 5202

som ( can) a mi,

Station	No. / ;	0	Date:	_ ;;(	18		191
Hour:	313 P.	M. to	3.41	. M.			
	n: Lat de		do.	ng. de	)		
	: South		do				
Depth:	873 metres	Bottom:			Sample:		
Wind:	Direction, S.	W	Force,	1			
Sea:	As a realize of the field of the contract of t	*******	Sky:				
		TEM	PERATURE	S			
Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	-						
/Pd	R18 1= 2.4 54 805 A	9.15	10.3	00 H.I.	9.15		
y c	N271726 U N29125011	15/1.6 14.11			17.60 117.70		-
3	SV 493 1		13.	1.1	8.68		-
45	RTN 37572- 42165868: R	2. 1 not wish	10.				<u>-</u> !
	126:0551 1298256 A	46.0		-15	45.1		1
Depth	Hour		IRRENTS	Revolutions	Speed	Di	rection

Transparency:

11-5314

Color of water:

REMARKS:

NETS, ETC., USDI

Warmen Latters	Depth	TIN	1E	Speed
Description	Depart	Down	Up	

11-5014

NOTES

6465 5100

Station No. # 7730 Date: 0165 16 1916 Hour: 344 P. M. to 351 12 . M. Position: Lat. do du Long. An Locality: Depth: 8 73 Bottom: Sample: Wind: Direction, Force, / Sea: Sky: TEMPERATURES W. Samp Bottle Thermometer -Make and No. Stem Temp. Depth Reading 30 RTR 150 1/3 1/4 00 11.3 SY805 11.25 1/9 +1 11.35 113.71738 5/. NZ98260N 50.6 50 SY 493 Fortarris 125 6 - RTK 37572 12 12 12 12 1 12 62555 4/5 -1 1/8.0 11298256 149 01115

			OUTITION			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

War Lillian	Depth	TI	ME	Speed
Description	Depili	Down	Up	Opece
		1		

11-5314

NOTES

bottle down 3.450.01.

CPUS 5202

	1			
			1	
			i	
 		1		

Color of water:

Transparency:

REMARKS:

NETS, ETC., USED

		TIN	1E	Speed
Description	 Depth	Down	Up	Speed

11-5314

NOTES

1 01 ° ... 11 ° ... 11 ° ... 11 ° ... 11 ° ...

-7:10

C F # 5

Station I	No. H77.	31	Date:	7/20:	16	:	1916
	53º P.			. M.			
Position	: Lat. 33°	550	5" Los	ng. 119	2815		"
Locality:	South,	Oh, Jan	10 3		ŧ		
Depth:		Bottom:			Sample:		
Wind: 1	Direction, Co	elm	Force,	)			
Sea:	A		Sky:				
		TEM	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54.9	14.0		-02	13.98		
		C	URRENTS			J	
Depth	Hour	Tide	Time down	Revolutions	Speed	D	irection

Color of water:

Transparency:

REMARKS:

Description	Depth	TIME		Speed
Description	Depth	Down	Up	Open

11-5311 NOTES

6765 5202

Station 1	No. # 77	32	Date:	Hey	1		191 6
Hour:	6130 P	M. to		. M.			
Position	: Lat. 33	540	0" Lo	ng. // /	24 (	10	.)
Locality	: Sout	L au	0-00	an ?	·		
Depth:		Bottom:			Sample:		
Wind:	Direction, Co.	lm.	Force,	0			
Sea:	0		Sky:				
en annual from the Agreement	^	TEM	PERATURE	SS			
Depth	Thermometer— Make and No.	Reading	Stem Temp,	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54429	14.45		-01	14,44		
		(	URRENTS				
Depth	Hour	Tide	Time down	Revolutions	Speed	D	irection
Color of w	vater:	-	Transpa	arency:			.,
REMAR	KS:					11-	5314

B 1.0	Depth	TIN	άE	Speed
Description	Depin	Down	Up	Specu

11-5014 NOTES

C + G 5 5202

Station I	No. H 77	33	Date:	Nov	16	:	191 6
	730 P.			. м.			
Position	: Lat. 33	5213	Eg" Lo	ng. // :	; a';	. 0	1)
Locality	: South	Cinc	· Paga	a 9	d.		
Depth:		Bottom:			Sample:		
Wind: I	Direction, C	alm	Force,	0			
Sea:			Sky:				
		TEN	APERATURE	S			
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54429	13.85		182	13.83		
			CURRENTS				
Depth	Hour	Tide	Time down	Revolutions	Speed	D	irection
Color of w	vater:		Transp	arency:			

11-5314

REMARKS:

70 1.01	Depth	TIME		TIME	TIME	Speed
Description	Depth	Down	Up	Spece		

11-5314

NOTES

6468 6202

	vo. H7		Date:		1.16		1916
our:	830 10	M. to		. M.			
osition	: Lat. 330	51'50	Lo	ng. //9	0 15	50	//
ocality:	S.C.	and C	1 100	7.(.			
epth:		Bottom:			Sample:		
/ind: I	Direction,	YW.	Force,				,
ea:			Sky:				
		TEM	PERATURE	S		1	
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54419	14.65		- 61	14.64		
			URRENTS				
Depth	Hour	Tide	Time down	Revolution	Speed	D	irection
				A COLUMN TO BE		-	
Color of w	and a second		Transpa				

W 1.01		TI	TE .	Speed
Description	Depth	Down	Up	Speec
				,
	,			

NOTES 11-5314

CP 65 5202

Hour:	930P	. M. to		.M.		
Position	: Lat. 330	50'45	Lon	ig. 119 c	11 2	511
Locality:	SEA	vara;	in Di	d.		
Depth:		Bottom:			Sample:	
Wind: I	Direction,	/ W	Force,	2		
Sea:	La Madria de Mantena de Maria de La Maria		Sky:			
		TEMI	PERATURES	S		Lal
Depth	Thermometer – Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
0	54429	14.6		-01	14.59	
		CI	URRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
Color of w			Transpai	rency:		
REMARI	KS:					11-5314

Station No. H 7735 Date: 200 /6 1916

7. 1.11	Depth	TIP	Speed	
Description	Deptil	Down	Up	- speec
		1		

11-5314

NOTES



Station I	7 am		Date:	77.01	V 17	:	191 6
Position	: Lat. 33°		. 5 " Lor	ng. 118	0541	40	"
ocality	: West	Sani	Tank	one	2.04		
Depth:		Bottom:			Sample:		
Vind. T	Direction,	1.800	Force.	a			
		<i>p</i> ~0*p,					
Sea:		TEN	Sky:	S	No. of the last of		
	A manufact of the second management of the	LEN	IFERATORS			ple	
Depth	Thermometer— Make and No.		Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Ø	54429	13.8		-02	13.78		
					,		
		1	CURRENTS				
Depth	Hour	Tide	Time down	Revolution	s Speed	D	irection
Color of v	rotore		Transpa	reneu.			

## NETS, ETC., USED

Description	Depth	TI	MIC	Speed
Description	Depth	Down	Up	Speed
		7		
		1		

C 2 6 5

Station I	No. H77	37	Date:	114	3.17	191 6
Hour:	730 a.	M. to		. M.		
	: Lat. 33		10" Lon	g. 118	052'	00"
Locality:	w,9,	+ A	1:2.	· .·*.		
Depth:		Bottom:			Sample:	
Wind: I	Direction, Co	ılm.	Force,	0		
Sea:			Sky:			
		TEM	PERATURES	3		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
D	54429	14.2		-01	14.19	
		(	CURRENTS			
Depth	Hour	Tide	Time down	Revolution	s Speed	Direction
Color of v	water:		Transpa	rency:		
REMAR		para di sa di sa di sa	- 44. Zapodil 440	prince of the second of		11-5314

Description	Depth	TIT	TIME	
Description	Depart	Down	Up	Speed
	NOTES			

CPG5

Station	No. H 77	38	Date:	Tla	r. 17	1914
Hour:	8° a	. M. to		. M.		
Position	n: Lat. 33	0442	o L	ong. //8	6481:	· o"
Locality						
Depth:		Bottom:			Sample:	
Wind:	Direction, C	alm	Force,	6		
Sea:			Sky:			
		TEM	PERATURI	ES		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W Sample used
0	SV409	140		-02	13.18	
		1				
	İ					
		,	i			
	-					
Depth	Hour		IRRENTS	Revolutions	Speed	Direction
				21010101010	- Opeca	Direction
		!				
Color of wa	oters	***************************************	Transpa			1

	Depth	TII	ME	Speed
Description	Depth	Down	Up	- Copiece

NOTES

6 PCS 5202

Station	No. H77	21	2000	i is	V. 17	191
Hour:	830 a	. M. to		. M.		
Position	1: Lat. 330	43'25	Lor	ng. 118	0 44/4	10"
Locality	: W 50	70 7	hlone	CA		
Depth:		Bottom:			Sample:	
Wind:	Direction, C	alm	Force, O			
Sea:			Sky:			
		TEM	PERATURES	3		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample use
0	54429	14.2		-0.1	14.19:	
	:					
		си	FRENTS			

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
Description	Depin	Down	Up	Speed
11-5314	NOTES			

6485

Hour:	9000	. M. to	5000 BLOCK \$ 650 M + 65000	. M.		
Position	1: Lat. 33°	42 2.5	Lo.	ng. 118	0 40'5	55"
Locality	: N 50	ita r	1 1 - 01,543	· 4.		
Depth:		Bottom:			Sample:	
Wind: 1	Direction,	H	Force,	./		
Sea:			Sky:			
		TEMI	PERATURE	S		
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
D	54429	14.25		-01	14.24	
Depth	Hour		TRRENTS	Revolutions	Speed	Direction
Color of wa	ter		Transc			
REMARK			Transpare	ency:		

Station No. 4 7740 Date: 7200 17 1916

NETS, ETC., USER

	MEIS, EIC., OSED			
Description	Depth	Donth	TIME	
Description	Depin	Down	Up	Speed
	ł			
	1			
	i			
11-5014	NOTES			

CH 6 C

Station	No. # 77	1//	Date:	Thu	. 17	191	6
Hour:	930 a	. M. to	**************************************	. M.			
Position	1: Lat. 33°	4135	Lo	ng. //8	3°37':	2.0"	
Locality	: SW	50,00	e. 77	1 350	-61		
Depth:		Bottom:			Sample:		
Wind: 1	Direction,	<b>√</b>	Force,	:l			
Sea:	* We see to see anything		Sky:				
		TEMI	PERATURE	S			
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	ottle
0	SV.419	14.4	V ~ A ~ ~	_01	14-39		to till and
Depih	Hour		RRENTS	Revolutions	Speed	Directi	lon
Color of wa			Transpare	ency:		1-5314	

NETS, ETC., USED

Description	70.11	TI	TIME	
Description	Depth	Down	Up	Speed
11-5314	NOTES			

C + 6 5

Station	No. H77	742	Date:	7/10.	17	191 6
Hour:	1000 a	. M. to		. M.		
Position	1: Lat. 33°	40'40	rf L	ong. // 3	6 3 3 1	15"
Locality	: west	Powi	Fer	) ) )(d %)		
Depth:		Bottom:			Sample:	
Wind: 1	Direction,	WE	Force,	.1		
Sea:			Sky:			
		TEM	PERATUR	ES		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
0,,,,,	SV429	14.65		_0(	14.64	
Depth	Hour		URRENTS	l m		
Depth	11001	Tide	Time down	Revolutions	Speed	Direction
Color of wa	iter:	PPM II AND 110 - 140 -	Transpa	rency:		
REMARK				-,-	1	11-5314

Description	Depth	·TII	ME	Speed
Description	Depth	Down	Up	
115014	NOTES			

C 465

	No. H 774		Date:		01.17	7	1916
Hour:	1030 a	. M. to	the transfer of the second	. M.			
Position	:: Lat. 330	110'3	5" Los	ng. //9	50 30'	00	/)
Locality	: West	Pour	1 10	7. 24. 1	4		
Depth:	Per a Maries and see or	Bottom:			Sample:		
Wind: 1	Direction, /	1	Force,				
Sea:			Sky:				
		TEME	PERATURE	S			
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	54429	14.95		- 01	14.94		
Depth	Hour		RRENTS	Revolutions	Speed	Dir	ection
Color of wat			Transpare	ncy:	1	1-631	
Marketin Spring 1, 1			Transpare:	ncy:	1	1-831	.4

NETS, ETC., USED

Description	Depth	TIME		
	Depth	Down	Up	Speed
11-5914 N	OTES			

CP35

Station	No. 477	44	Date:	7.60	V. 17	1916
Hour:	1100 a	. M. to		. M.		
Position	1: Lat. 33°	403	5 " L	ong. //{	126	051
	· West					
Depth:		Bottom:			Sample:	
Wind: 1	Direction,	N	Force,	1		
Sea:			Sky:			
MV F M. LOTT IN THE MANAGEMENT		TEM	IPERATUR	ES		FF: 8.9.5 'Standard contains
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
٥	514/29	15.0		_01	14.99	
				1 .		
			t 9	,		
				1		
Depth	Hour		URRENTS	l 20 4 11		
Беріц	Hour	Tide	Time down	Revolutions	Speed	Direction
	The state of the s					
		-				
Color of was	ter:		Transpa	rency:		1000 A. C.
REMARK	S:				1	1-5314

NETS, ETC., USE

Description	Depth	TIP	TIME		
	Depair	Down	Up	Speed	

11-5314

NOTES

C PG 5

Station	No. 71 7	145	Date:	Nov	(, 17	191 6
Hour:	1130 0	. M. to		. M.		
Position	: Lat. 33"	40'3	35" L	ong.	1 14	0"
Locality	: Sw (		Page			
Depth:		Bottom:			Sample:	
Wind: 1	Direction,	1	Force,	_/		
Sea:			Sky:			
		TEN	PERATURE	ES		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
0	SV429	15,1		-01	. (5.0.9	
		C	URRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

NETS, ETC., USED

Description	Depth	TI	ME	C1
Description	Deptil	Down	Up	Speed
			-	
11 2014	NOTES			
11-5314	NOTES			

C 465

Station	No. 477	116	Date:	1		7 1	191 6
	1200			. M.			
	1: Lat. 33°			,	50/8'2	0"	
Locality	. S. P.	out 1	enne				
Depth:		Bottom:			Sample:		
Wind:	Direction, (	Calm	Force,	0			
Sea:			Sky:				
		TEME	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
6	51429	14.75		_01	14.74		
Depth	Hour		RRENTS ime down	Revolutions	Speed	Dire	ction
Color of wa	ters		Transpare	ency:			
REMARK	S:					11—8314	

NETS, ETC., USE

Description	Depth	TIL	4E	Speed
Destription		Down	Up	Speed

11--5314

NOTES

C PG5 5202

Station	No. #7	747	Date:	72	0.11.1	1916
Hour:	1230 9	. M. to		. M.		
Position	n: Lat.		L	ong.		
Locality	: San	Ped	ro.			
Depth:		Bottom:			Sample:	
Wind:	Direction,		Force,	/		
Sea:			Sky:			
		TE	MPERATUR	ES		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
0	DV 429	14.4		-01	14,39	
				- Landan		
			CURRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
Color of w	ater:		Transpa	rency:		
REMARI	ζS:				1	1-5314

Description	Depth	TIN	IE	Speed
	 - Joepin	Down	Up	

11--5914

NOTES

Bearing charles

Station	No. // //	17%	Date:	5-1	·:-		191 /
Hour:	9 A	. M. to		M.			
Position	1: Lat. 33	123	o" i	ong. 49	. :1	.0	) n''
Locality	:. Sau.	Nico	lac.	Jd.			
Depth:		Bottom:			Sample: 1	Nã	ter
Wind:	Direction,		Force,				
Sea:			Sky:				
			PERATUR	ES			
						ple	
Depth	Thermometer Make and No.		Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	1/12 2 E	62,4		-,4	62.0	4.	Ø.
						-	
		1					
				1			
Depth	Hour		RRENTS ime down	Revolutions	Speed	Di	rection
			Into down	accronditions	Speeu	1011	CCLION
						-	
Color of wa	iter:		Transpa	rency:	-	-	
REMARK	S:					1-63	14

Done			TIE	AE I	
Desc.	ription	Depth	Down	Up	Speed
		IOTES			
11-5314	1	OILS			
نعدر مر		1	1.10		5,11
	0	/ /	, , , , ,		
CY	GS 500	) 2_			
	65 500		16 %	<u> </u>	
749					
749	8-5-11 733 4				
749 Pro. Lo	8-5-11 733 4	30	19		3.8

Cr 20 5-12

Station No. 47750				
Hour: // A .M. to		. M.		
Position: Lat. 33 12	3.0 L	ong.	1904	13 00
Locality: West for	nicol	an 9-1	(-	
Depth: Bottom:			Sample:	. +
Wind: Direction,	Force,			
Sea:	Sky:			
TEM	PERATURI	₹S		711111111111111111111111111111111111111
Depth Thermometer - Reading	Stem Temp.	Correc-	Corrected Temp.	Bottle used
a 112 y 286 4 1		-4	63.9	1+
[ ]		1		
	URRENTS			
	URRENTS Time down	Revolutions	Speed	Direction
			Speed	Direction

Description	Death	TIME		Depth	Speed
Description	Depai	Down	Up	Speed	

NOTES

Station N	To. H 77	51	Date:	8-1	1.5	. 1	191.7
Hour:	12	M. to 2	40 9	Р. м.			
Position:	Laty Allen	7, 2, 7, 1	- Lor	ig. // 9	1/2.	( 0	
Locality:	Lating, 46) West	33-10 San n	-30.	119. 5d.	- 45 -	3	0
Depth:	123	Bottom:			Sample:		
Wind: D	irection,		Force,				
Sea:			Sky:				
		TEMP	ERATURES	3		1 41 1	
Depth	Thermometer—   Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
0 0	J	€. ≥		1.,4	1, 4.7	+	
45 PM)	:			/ 1			
0	NZ 9.8256	65.2		= 4	64.8	.1"	
			RRENTS			,	
Depth	Hour	Tide T	ime down	Revolutions	Speed	Dir	ection
	1						

Transparency:

REMARKS: 11-6314

Color of water:

Develotles	Depth	TI	ME	GA
Description	Depth	Down	Up	Speed
Two # 25 towners.	2.00-0	1200	145	
wo 15.	000 -	150	240	
Vertical Haulo.				

11-5314

NOTES

- Songgo 210. g. 8 water Se.

Scrippo 220. 94 201625.

Station	No. #77	52	Date:	8-1	5-17		191
Hour:	525 p	. M. to		. M.			
Positio	n: Lat.		Lor	ng.		:	
Locality	r: West	of 5-0	w M	icol.	as od	,4	
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:	7		Sky:				
		TEMI	PERATURES	5			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0	NZ 98256	64.0.		4	6.36	+	

\_\_\_\_\_

CURRENTS										
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction				
						-				
1										

Color of water:

Transparency:

REMARKS:

Description	Depth	TIL	VI IE	
Description	Deptil	Down	Up	Speed

C+GS 5002

Sergopo no. water sample & 5.

1: 7753

= 6 17

1030 AM

Logic and a now for a service

1124 1 1 2 2 7 1 2 2 3 1.

= A= 121 14.2 14 63.6

mayor the testing it is the

Station I	No	1	Date:	8-1	<i>(</i> .	:	191 7
Hour:	1130 A.	M. to		. M.			
Position	: Lat. 32-	57-00	Lor	ig. 119	- 55-	0.0	
Locality	west o		Mec	0600	96.		
Depth:		Bottom:			Sample:		
Wind: I	Direction,		Force,				
Sea:			Sky:				
		TEMI	PERATURE	S			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	W. Sample	Bottle used
0	NZ 98256	62.1		-,4	61.7.	+	
		CI	URRENTS				
Depth	Hour	Tide	Time down	Revolution	Speed	D	rection
Color of w	raters		Transpa	rency:		P	
DESCAD	rc.		THE SECOND OF SECOND SPECIAL S				

*	1417.1	S, ETC., USED				
	Description	Depth	TIN	1E	Speed	
			Down	Up		
11-5314		NOTES				
C.	+GS 5002					
	110. 27 ter	V 3-	٠.			
li mar		8-16	100			
H. 775:	)	0. 1/.5				
1230 F	211					
4.25.7	/V(					
1.1. 2	d Pyran L		- 1	- 6		
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v 1	1 /	and product	. 1			
ζ.		,	.,			
· //		12.7	- , : ,	1 1	. 4:	
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، ج ن				15		
	1			П		
C	4 GS 500:	2				

Station	No. H 775	-6	Date:	8-16	5	191
Hour:	130 p	M. to		. M.		
Positio	n: Lat. 32-	57-00	L	ong. /2.0	- 06	-00
Locality	": West of	San y	icola	2008		
Depth:		Bottom:			Sample:	
Wind:	Direction,		Force,			
Sea:			Sky:			
		TEME	ERATUR	ES	797 (10.00.00.00	
Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bott user
0	NZ96256	62.0	**************************************	-,4	61.6	
	1					
	1					
		CU	RRENTS			
Depth	Hour	Tide T	ime down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

NETS, ETC., USEI

Description	Depth	TIT		Speed
Description	Depth	Down	Up	Deed

11-5314

MOTE

H 7757

230 PM 8-16-17

Tal. 50-5/00 / 1009 120-11-30

West of San Medas Id.

0 98256NZ 61.5-,4-61.1

. 7145 1712

Station No. 1/ Date: Date: 191 Hour: 3 30 P.M. to . M. Position: Lat. 31.57-00 Long. 12 ( -11. ) (. Locality: West of San Vicolas Id. Depth: Bottom: Sample: Wind: Direction, Force, Sea: Sky: TEMPERATURES Sample Thermometer Make and No. Stem Temp. Correc-Corrected Temp. Bottle Depth Reading 98251.412 = 1.5 . .! CURRENTS Depth Hour Tide Time down Revolutions Speed Direction Color of water: Transparency: REMARKS:

Description	Donis	Depth		Speed
Description	Depin	Down	Up	
		1		

CpGS 5002

H = 7 59 430 PAT 5-13-17

Late to agree Long to Car terrain

west of san nucolas Id,

0 NZ 98256 62.0 -. 4. 61.6

o I an in the

au ile mere

Station	No. H 77	6.0	Date:	8-16	-17	191
Hour:	5-30 P.	M. to		. M.		
Position	1: Lat. 32-	57-00	) Lo	ng. 12	0-28	-00
Locality	: West o	1. Sau	Die	clas.	od.	
Depth:		Bottom:			Sample:	
Wind:	Direction,		Force,			
Sea:			Sky:			
		TEM	IPERATURI	S		
Depth	Thermometer Make and No.	Reading	Siem Temp.	Correc-	Corrected Temp.	Bottle used
ā	V = 4 " ≥ 12.	61.9		~ <sup>v</sup>	615=	<del> </del>
Depth	Hour	Tide	CURRENTS Time down	Revolutions	Speed	Direction

Color of water;

Transparency:

REMARKS:

701-41	D45	TIME		Depth TIME	Speed
Description	Depth	Down   Up	Up	- Opera	
·					
		1			

11-5314

ysle no J11

7 32-48-00 1

Iour:	20					
	90A	. M. to		. M.		
osition	1: Lat. 37	.S <sup>10</sup> ,	Lo	ng./50	. 33·	30
ocality	: Nest of	Som	Mice	Car 50	<i>(</i> .	
epth:		Bottom:			Sample:	
Vind:	Direction,		Force,			
lea:	A		Sky:			
		TEN	PERATURE	ts		
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc-	Corrected Temp.	N. Sample used
· · · · · · · · · · · · · · · · · · ·	12/01/6	62,3	-	E, U	61.9	
		1				
			CURRENTS			
Depth	Hour	Tide	CURRENTS Time down	Revolutions	Speed	Direction
Depth	Hour			Revolutions	Speed	Direction
Depth Depth				·	Speed	Direction

NETS, ETC., USER

Description	Depth	TIME		- S	Spee
Description	Deptil	Down	Up		
11-5314	NOTES				
San 201 7	10%				

· . . . · --

15

. / js

Hour: 1100 A . M. to . M.

Position: Lat. 3 7

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	Bottle used
Ü	n n jileşû	62.3		4	61.9	4
	i					

TEMPERATURES

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
						1

Color of water:

Transparency:

REMARKS:

Description	Depth	TIME		
Description	Deput	Down	Up	Speed
AM 400 - 3 900	* ** * * * * * * *	1		
115314	NOTES			

12 4

Hour:	100 P.	M. to		. M.			
Position	n: Lat. 3 2 -	48-00	Lo	ong. /2	1-00-	3	0
Locality	": quest of	San	nic	olas?	d.		
Depth:		Bottom:			Sample:		
Wind:	Direction,		Force,				
Sea:			Sky:				
		TEN	IPERATURI	ES			
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle
0	98256NZ	62.4		4	62.0		
				1			
	1-		URRENTS	1			
Depth	Hour	Tide	Time down	Revolution	s   Speed		rection

Color of water:

Transparency:

REMARKS:

Depth Down Up Spe	Description	Depth	TIME			
	Description	Depth	Down	Up	Speed	
			7			

11-5314 NO

Scrippo water Sangele no J. 18

H 7767

200 PM

8-17-17

L94. 32-48-00 Long. 126-07-00 west of San nicolas Id.

b NZ98256 62.1 -.4 61.7

scrippo nowater sample J. 19

C+GS 5002

Station No. #7768 Date: 8-17-17 191

Hour: 30° P. M. to . M.

Position: Lat. 32-48-00 Long. /2)-/3-30

Locality: West of Saw Vicolas 2d.

Depth: Bottom: Sample:

Sea:

Wind: Direction,

Sky:

Force,

	TEMPERATURES						
Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
6	NZ 98256	62.3		4	61.9	7	
				L. L.			

CURRENTS

			CURRENTS			
Depth	Hour	Tide	Time down	Revolutions	Speed	Direction
						14
11.00						
			71			

Color of water:

Transparency:

REMARKS:

Description	Death	TIME		
Description	Depth	Down	Up	Speed

0 + 65 500 2

Scrippo no water Sample J20

H-7769

8-17-17

Lat 32-48-00 Long 121-20-30 . West of San Micolas Id.

0 NZ 98256 62.0 -, 461.6

Scripps no vater Sample J21

C+BS 5002